

HOOSIER RIVERWATCH

Water Quality Monitoring

EQUIPMENT PACKAGE APPLICATION—2009

Hoosier Riverwatch and Volunteer Water Quality Monitoring

Hoosier Riverwatch is Indiana's statewide volunteer stream monitoring and education program. It is operated by the Indiana Department of Natural Resources Division of Fish and Wildlife with funding provided in part by the Federal Sport Fish Restoration Fund. Hoosier Riverwatch's goals are to:

- Provide education and training on watersheds and water quality
- Increase public involvement in water quality issues
- Promote responsible stewardship of water resources
- Provide water quality information to citizens and governmental agencies working to protect Indiana's rivers and streams

Since 1996 Hoosier Riverwatch has been training volunteers through Basic and Special Topic Workshops. Participants gain hands-on experience and learn how to assess a stream's water quality using physical, chemical, and biological methods.

Equipment Packages

Hoosier Riverwatch has awarded over 400 Equipment Packages since 2001 and is pleased to continue to offer the opportunity for eligible volunteers and groups to receive equipment. The combined Chemical and Biological packages are valued at over \$400 worth of equipment and supplies!

Eligibility

Equipment recipients must meet the following criteria:

- Be affiliated with a non-profit organization, school, or government agency
- Agree to the Cooperative Agreement (pg. 4), including:
 - Attend a Basic Training Workshop
 - Monitor and submit data online at least 4 times per year for 2 years (*Total of 8 data sets by December 31, 2011*)
 - Submit 4 online Activity Reports within 2 years
- Return the completed 2009 Equipment Application no later than **September 1, 2009**.

NOTE: Applications are processed on a rolling basis. Equipment Packages available beginning in **March 2009**. The award process is competitive, so please complete your application in detail so that we may fully assess your organization's suitability as a recipient.

Application Checklist

- ☐ Thoroughly read Equipment Package Application—2009
- ☐ Complete pages 3 and 4 - with all required signatures
- ☐ If you are part of a non-profit organization, please attach Articles of Incorporation
- ☐ Return completed documents to:

Hoosier Riverwatch
Fort Harrison State Park—NREC
5785 Glenn Road
Indianapolis, IN 46216

Fax: (317) 562-0790

Email: riverinfo@dnr.in.gov

Questions? Please contact us! (317) 541-0617 or (317) 562-1338

HOOSIER RIVERWATCH

EQUIPMENT PACKAGES

Chemical Testing Package

- CHEMetrics® Dissolved oxygen kit
- CHEMetrics® Orthophosphate kit
- Waterworks™ test strips for pH
- Waterworks™ test strips for nitrates/nitrites
- Thermometer
- Transparency tube
- BOD bottle
- Copy of the Healthy Water Healthy People *Testing Kit Manual*

Biological Monitoring Package

- Kick seine net without poles
- Aquatic dip net with 4' handle
- Set of color macroinvertebrate identification cards
- Two bug magnifying cubes
- Copy of Golden Guide's *Pond Life*
- Two-way viewer
- Dishpan
- Five Macro posters

Both Chemical Testing Package and Biological Monitoring Package

- All of the above listed items.

HOOSIER RIVERWATCH

BASIC INFORMATION

Primary Contact Information

Name: ____

Address: ____

City,: ____ State: IN Zip: ____ County ____

Phone: ____ Alternate Phone: ____ Fax: ____

E-mail: ____ Alternate E-mail: ____

Date Trained/Location (if applicable) ____

Organization Information

Organization Name: ____ Website: ____

Director/Principal/President: ____ E-mail: ____

Address: ____

City,: ____ State: IN Zip: ____ County ____

Phone: ____ Alternate Phone: ____ Fax: ____

Goals of Organization: ____

Which equipment package are you interested in receiving? (Refer to Page 2 for descriptions; please check only 1 box)

☐ Chemical Testing Package

☐ Biological Monitoring Package

☐ Both Chemical Testing & Biological Monitoring Packages *****most applicants will select this option*****

What are the goal(s) of your monitoring efforts (e.g., education, pollution identification, community service)?

How will your organization and surrounding communities benefit from your monitoring?

Are you willing to serve as a Riverwatch mentor in your area? (A Riverwatch mentor serves as a resource in their community to answer questions regarding the program, sampling, and may assist in actual field work.)

☐ Yes

☐ No

HOOSIER RIVERWATCH COOPERATIVE AGREEMENT



Between Hoosier Riverwatch of the Indiana Department of Natural Resources and

(Please fill in Organization's complete name)

This Cooperative Agreement is made and entered into by Hoosier Riverwatch and the organization written above to identify responsibilities, expectations, duties, and procedures related to the awarding of water quality monitoring equipment to eligible organizations in the State of Indiana. The awarding of such equipment supports the primary goal of Hoosier Riverwatch to increase public awareness of water quality issues by training volunteers in stream monitoring and environmental stewardship activities.

In accordance with this Cooperative Agreement, the **Equipment Package Recipient** shall:

- ☐ **Attend a Hoosier Riverwatch Basic Workshop** before receiving an Equipment Package (*applicants may apply for an Equipment Grant prior attending a workshop*).
- ☐ Work with Hoosier Riverwatch to **make arrangements to obtain the equipment** during a 2009 Riverwatch workshop or from the Riverwatch office at Fort Harrison State Park in Indianapolis.
- ☐ **Select one or more river/stream site(s)** for regular water quality monitoring.
- ☐ Monitor and submit at least **8 data sets to the online database**, www.HoosierRiverwatch.com, prior to December 31, 2011 (*recipients typically submit data sets 4 times per year for 2 years*).
- ☐ Submit at least **4 online Activity Reports** at www.HoosierRiverwatch.com, under the "Submit Your Story Feature" prior to December 31, 2011 (*recipients typically submit Activity Reports 2 times per year for 2 years*).
- ☐ **Maintain equipment.** Order refill chemicals and replacement supplies from Hoosier Riverwatch if needed. *Please note:* Hoosier Riverwatch reserves the right to deny any refill request if the recipient organization is not actively monitoring, submitting data online, and/or utilizing Hoosier Riverwatch equipment.
- ☐ **Arrange for the return of the equipment** if for any reason the equipment recipient can not satisfy these terms during the two-year agreement period.

NOTE! The primary contact is responsible for contacting Hoosier Riverwatch with new contact information or to return the equipment if moving, changing jobs, or quitting the program!

In accordance with this Cooperative Agreement, **Hoosier Riverwatch** shall:

- ☐ **Provide introductory and advanced training workshops** in water monitoring.
- ☐ Serve as manager for the statewide **Volunteer Stream Monitoring Internet Database** - online at www.HoosierRiverwatch.com.
- ☐ Act as a source for **on-going consultation and support**.
- ☐ **Provide water monitoring equipment packages and refill request supplies**, as needed.

Signatures

This document outlines the terms of the Cooperative Agreement. Failure of the recipient to meet the terms listed above will result in the return of all equipment. By signing/typing below both parties accept the terms of this agreement:

President / Director / Principal of Organization

Primary Contact

Date

Date

For HRW use:

Hoosier Riverwatch Coordinator

Date